PDS4 Change Control Board

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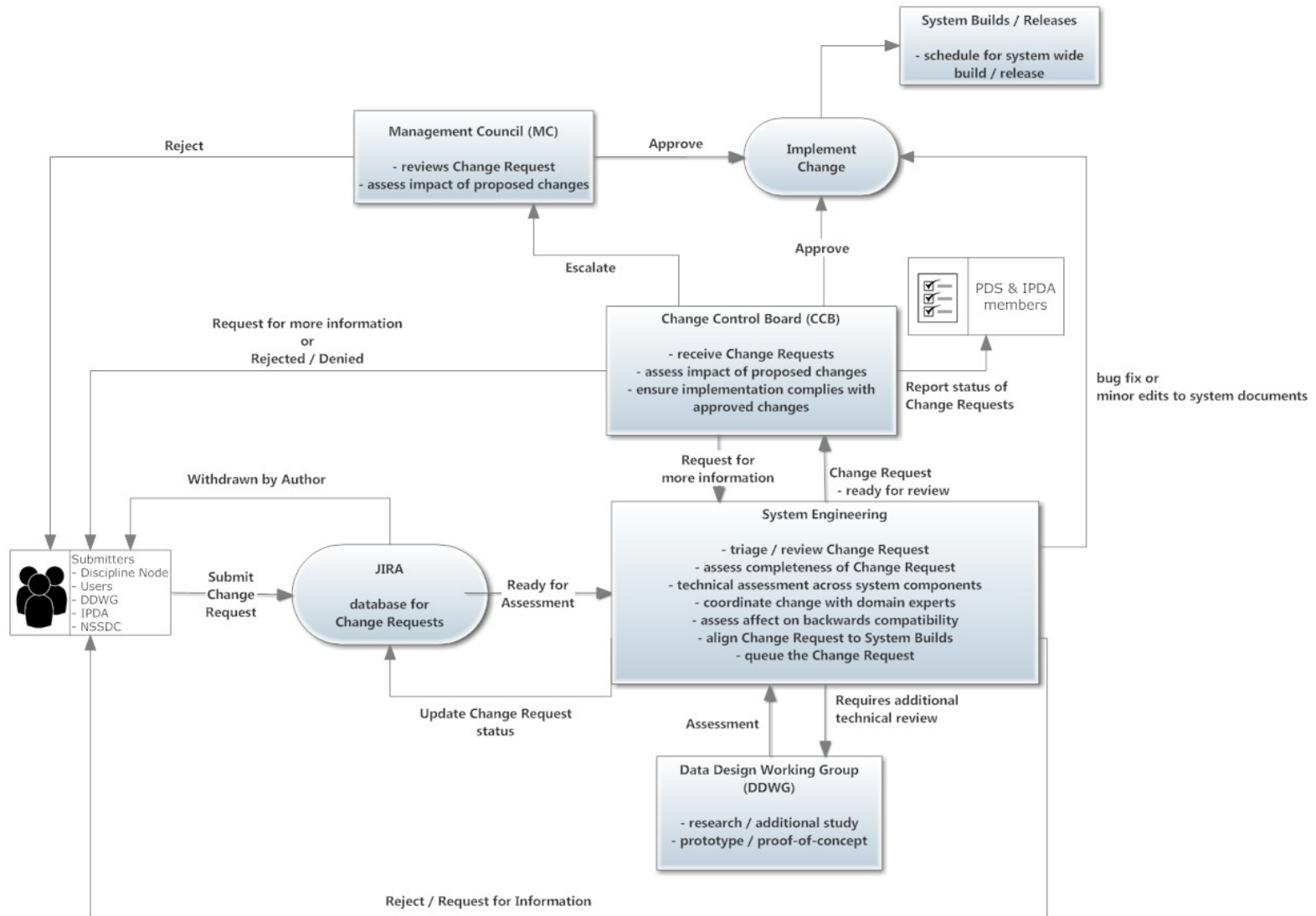Emily Law, Dan Crichton
JPL/Caltech

CCB Participants

- Lynn Neakrase (ATM/CCB Chair)

- Emily Law (CCB Coordinator)

- Trent Hare (Imaging)

- Steve Joy (PPI)

- Carol Neese (SBN)

- Mark Showalter (Rings)

- Tom Stein (GEO)

- Dave Heather (IPDA/ESA)

JIRA and the CCB

- JIRA is the engineering tool used to track and implement changes within the PDS4 system

- JIRA can be (and is) used to track all manner of changes, bug fixes, and all discussion regarding potential solutions

- Emily and I coordinate and add prepared SCRs to the next CCB telecon/e-vote opportunity

- If the CCB deems it necessary, SCRs can be sent back (to system engineering or DDWG) for minor edits or additional technical assessment

CCB Notional Process

Management Council Face-to-Face   10-11 April 2014 Tucson, AZ

Metrics

- We held 11 CCB Telecons, and 6 E-Votes
  - 55 SCRs were submitted since inception, with first CCB (6/25/13), and latest on (3/11/14)
  - 27 were approved by CCB
  - 24 closed with no-vote-necessary (schematron, bug-fixes)
  - 2 are closed (CCB-50, 53), further work needed then reopen or dropped
  - 2 are open (added within last week)

Approved SCRs

- Approved SCRs consist of:
  - Enumerated value add/subtract
  - Value definitions (e.g., addition of non-circular definitions of 'lander' etc.)
  - Versioning formats (allowing 4 digit versioning over 2 digit)
  - Added classes & values
  - Primary_Results_Summary Redesign
  - Units format standardization
  - Clean-up of unused classes or modification of classes to make more useable
  - Standards Reference Alignment

  OF NOTE:
  - CCB-46: Develop a new PDS4 product for observational data that do not have table or array structures
    - a.k.a. Product_Native: Policy decision for MC vote
    - Considerations include PDS Level 1,2,3 Requirement alignment and some wordsmithing

Rejected/Denied SCRs

- Rejected/Denied SCRs consist of:
  - Schematron rules governing PDS regulations - *no vote necessary if regulation doesn't change*
  - Bug fixes within the system – *no vote necessary*
  - Insufficient info for CCB decisions
  - Pulled by Triage for DDWG discussion Conversion from RFA to SCR was handled in the Version 1.0.0.0 release and removed

OF NOTE:
  - CCB-50: (descoped) Add Three New Array Subclasses
    - Rejected for more work needed
    - Perceived added complexity
    - Alternative solutions being examined
  - CCB-53: Develop a new PDS4 product for telemetry data
    - Rejected as not useful and redundant to the Product_Native class
    - Neither RS or IPDA seemed likely to use such a class

Upcoming Schedule

- Upcoming meeting/e-vote schedule:
  - TBD – meetings made on a week-by-week basis nominally 2 weeks apart

- Specific weekly schedules are adjusted according to SCR availability and can shift by a week if necessary

- Schedules are sent out on the Thursday prior to the scheduled meeting

- All documentation available by the Thurs announcement; If not ready by noon SCR will get pushed to next meeting

CCB Useful Information

- CCB Website (CCB Agendas, Notes, Minutes, SCR Schedule)
  - http://pds-engineering.jpl.nasa.gov/index.cfm?pid=145&cid=190

- If you are interested in commenting/defending SCRs and would like to be designated an 'Interested Party', contact Lynn to be added to the weekly update email